

In the Claims:

Please cancel without prejudice claims 9-14, and 22-25, all as shown below. Applicant reserves the right to prosecute any originally presented or canceled claims in a continuing or future application.

1. (Previously Presented) A system for testing JMX monitors, the system comprising:
 - (a) a generator software object adapted to generate a time varying signal;
 - (b) a JMX monitor object adapted to monitor said time varying signal and to return appropriate testing values; and
 - (c) a notifier software object adapted to generate a notification in response to the monitoring of said time varying signal by the JMX monitor object.
2. (Previously Presented) A system according to claim 1, further comprising a listener for receiving said notification.
3. (Previously Presented) A system according to claim 1, further comprising an interface adapted to allow entry of at least one parameter to be used in generating said time varying signal.
4. (Original) A system according to claim 1, further comprising a source of at least one equation to be used in generating the signal.
5. (Previously Presented) A system according to claim 4, wherein said source is selected from the group consisting of data libraries, data files, application code, or user entry.
6. (Original) A system according to claim 1, further comprising a timer, adapted to control the time for testing.

7. (Previously Presented) A system according to claim 1, wherein said JMX monitor object monitors said time varying signal at a frequency at least twice the frequency of said time varying signal.

8. (Previously Presented) A system according to claim 1, further comprising a processor adapted to execute the generation of said time varying signal.

9-14. (Canceled).

15. (Previously Presented) A method for testing a JMX monitor, the method comprising the steps of:

- (a) generating a time varying signal using a generator software object;
- (b) polling said generator software object at a frequency at least twice the frequency of the generated time varying signal using a monitor object of the JMX monitor; and
- (c) returning a testing value for each polling of said generator software object.

16. (Previously Presented) A method according to claim 15, further comprising the step of generating a notification when a threshold value of the testing signal is detected by said monitor object.

17. (Original) A method according to claim 15, further comprising the step of storing the testing values to a data store.

18. (Previously Presented) A method according to claim 15, further comprising the step of comparing each testing value to the corresponding value of said time varying signal from said generator software object.

19. (Previously Presented) A method according to claim 15, further comprising the step of specifying an equation to be used in generating said time varying signal.

20. (Previously Presented) A method according to claim 15, further comprising the step of specifying at least one parameter to be used in generating said time varying signal.

21. (Original) A method according to claim 15, further comprising the step of specifying the frequency of polling.

22-25. (Canceled).

26. (Previously Presented) A system according to claim 1, wherein said software object is a MBean.

27. (Previously Presented) A method according to claim 15, wherein said software object is a MBean.

28. (Previously Presented) A system for testing JMX monitors, the system comprising:
(a) a generator software object adapted to generate a time varying unorthodox signal;
(b) a JMX monitor object adapted to monitor said time varying unorthodox signal; and
(c) a notifier software object adapted to generate a notification in response to the monitoring of said time varying unorthodox signal by said JMX monitor object.

29. (Previously Presented) A system according to claim 28, wherein said time varying unorthodox signal comprises of a string of words.

30. (Previously Presented) A method for testing a JMX monitor, the method comprising the steps of:

- (a) generating a time varying unorthodox signal using a generator software object;
- (b) polling said generator software object at a frequency at least twice the frequency of the generated time varying unorthodox signal using a monitor object of the JMX monitor; and
- (c) returning a testing value for each polling of the said generator software object.

31. (Previously Presented) A method according to claim 30, wherein said time varying unorthodox signal comprises of a string of words.